

IN THE SPECIFICATION

Please replace the paragraph beginning at page 11, line 23, with:

On the basis of a digital map of the vicinity taking into account building (a height and dimensions of buildings, street configuration etc.), and a model of a wave propagation under conditions of various building which ones are applicable to a prescribed frequency range and a dedicated frequency resource, a coverage zone is calculated taking into account a predictable loads in communication channels, requirements to reliability and quality of communication, directionality characteristics of antennae, conditions of electromagnetic compatibility with other radio-electronic means, requirements to provide for "handover" etc. In result of the calculation are determined the coordinates, the height of location and parameters of base stations in a communication system. For each base station is generated a configuration of its cell which one, in form of coordinates of the borders of the cells, including spatial ones, is written and stored in the control center of the cellular communications system (OMC), wherefrom necessary data are transmitted and written into controllers (BSC) for control of corresponding base stations (BTS). These characteristics data, together with the coordinates of borders of neighboring cells, i.e., their working frequencies, codes and parameters of communication, generate a digital geographical map in form of fragments of electronic kind.